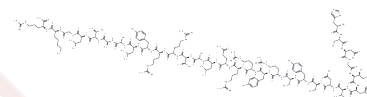


## [Arg-15,20,21,Leu17]-PACAP-Gly-Lys-Arg-NH2

## Chemical Properties

CAS No. :	176785-25-4
Formula:	C157H253N53O42
Molecular Weight:	3555.02
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	[Arg-15,-20,-21, Leu17]-PACAP-Gly-Lys-Arg-NH2 (BM-PACAP) is a synthetic analogue of PACAP 1-27 that exhibits a relaxant effect [1].
Targets(IC50)	PACAP
In vitro	The compound '[Arg-15,-20,-21,Leu17]-PACAP-Gly-Lys-Arg-NH2' (BM-PACAP) at a concentration of 0.1 $\mu$ M demonstrated a more prolonged relaxation effect on human bronchial smooth muscle in vitro, compared to PACAP 1-27, over an observation period of 0-5 hours [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2813 mL	1.4065 mL	2.8129 mL
5 mM	0.0563 mL	0.2813 mL	0.5626 mL
10 mM	0.0281 mL	0.1406 mL	0.2813 mL
50 mM	0.0056 mL	0.0281 mL	0.0563 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481